

Title (en)  
Interface between agent and managed device

Title (de)  
Schnittstelle zwischen Agent und verwaltetem Gerät

Title (fr)  
Interface entre un agent et un dispositif géré

Publication  
**EP 1162784 A3 20030122 (EN)**

Application  
**EP 01203083 A 19960628**

Priority  
• EP 96304814 A 19960628  
• US 49741895 A 19950630

Abstract (en)  
[origin: EP0751651A2] In a system in which processing modules are coupled to each other and to peripheral devices through a network and wherein the operation of the peripheral device is managed by processing module managers employing different management protocols, the peripheral device includes plural agents each with a different management protocol to exchange data with the managers having the same management protocol. The plural agents are coupled to the managed device by an instrumentation interface which operates to translate request messages from the manager into calling signals for the managed device controller, to receive status and attribute signals from the managed device controller and to send data messages on the status and attribute signals to the requesting agent having the same management protocol as the requesting processing module manager. Alert signals from the managed device are sent to the instrumentation interface which provides data messages on the alert to the plural agents so that the processing module managers having different management protocols can interpret the alert condition of the managed device.  
<IMAGE>

IPC 1-7  
**H04L 12/24**

IPC 8 full level  
**G06F 13/00** (2006.01); **H04L 12/24** (2006.01)

CPC (source: EP US)  
**H04L 41/0213** (2013.01 - EP US); **H04L 41/022** (2013.01 - EP US); **H04L 41/0226** (2013.01 - EP US); **H04L 41/046** (2013.01 - EP US)

Citation (search report)  
• [A] EP 0599706 A2 19940601 - BULL SA [FR]  
• [A] WO 9423514 A1 19941013 - BRITISH TELECOMM [GB], et al  
• [DA] US 5367635 A 19941122 - BAUER NEAL [US], et al  
• [A] B. MURALIDHARAN: "Multiprotocol Management Agents: A Look at an Implementation and the Issues to Consider", IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS., vol. 11, no. 9, December 1993 (1993-12-01), NEW YORK US, pages 1336 - 1345, XP000491491

Cited by  
CN100466538C

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 0751651 A2 19970102; EP 0751651 A3 19980128; EP 0751651 B1 20041124**; DE 69633887 D1 20041230; DE 69633887 T2 20051103; EP 1162784 A2 20011212; EP 1162784 A3 20030122; EP 1162784 B1 20110831; JP 3937478 B2 20070627; JP H0916500 A 19970117; US 5740368 A 19980414

DOCDB simple family (application)  
**EP 96304814 A 19960628**; DE 69633887 T 19960628; EP 01203083 A 19960628; JP 18686996 A 19960628; US 49741895 A 19950630